

March 25, 2002

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Ms. Diane Poole

SUBJECT: Samsung Electronics Co., Ltd.
FCC ID: A3LSPHA450
731 Confirmation No.: EA609170
Correspondence Reference No.: 21872
Request for Tech. Info.: 1/28/02

Dear Diane:

Transmitted herewith, on behalf of **Samsung Electronics Co., Ltd.** is an amendment provided in response to the request for technical information dated January 28, 2002.

1. (a) The phone was controlled by keypad software codes provided by the manufacturer.
(b) Power measurement were made before and after each SAR test to ensure that the power settings agreed with the maximum power levels contained in the tune-up procedure.
2. Please find attached the revised SAR Data sheets for the highest SAR Values containing the conversion factors used during the testing.
3. Please find the attached the SAR validation plots for 800 MHz and PCS band containing the ambient and liquid temperatures.
4. Please note the permittivity of the liquid meets the requirements of Supplement C. The conductivity of the tissue simulating material is 1.6 which is higher than the recommended value and leads to an overestimation of SAR.
5. Please find the attached photograph of the phantom, phone with grid lines.
6. Please note that the only area plots not covering in entire phone are the ones in the tilt position where the lower portion of the phone is over one half inch away for the probe tip. This is a normal case for clam shell phones and this area produces low SAR values. Please find attached the plot for the C-383, which scans over the lower portion of the phone to support the fact that the SAR values on the lower part of the phone are extremely low in the tilt position.
7. Please find the attached data for AMPS mode with the extended battery in the left head tilt position.

We trust this information is sufficient for the immediate grant of this application. If you have any further questions, please do not hesitate to contact us.



Randy Ortanez
President

cc: Samsung Electronics Co., Ltd.